

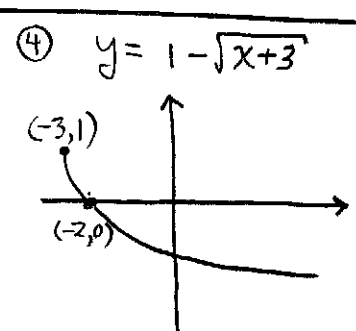
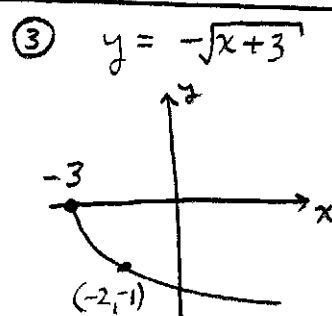
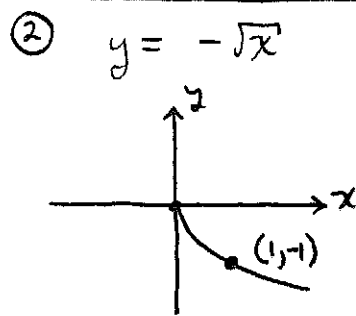
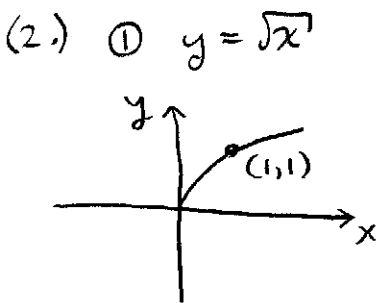
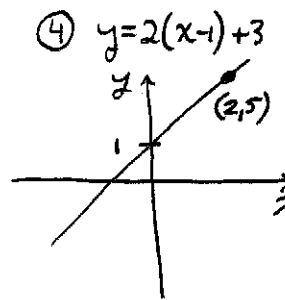
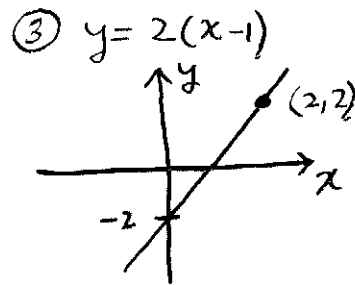
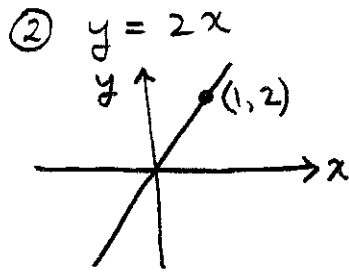
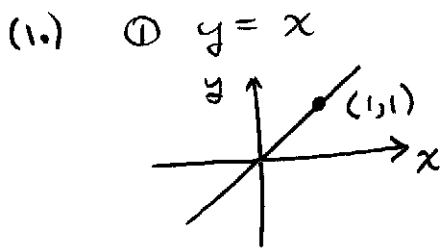
1. Graph:  $f(x) = 2(x - 1) + 3$ .

2. Graph:  $f(x) = 1 - \sqrt{x + 3}$ .

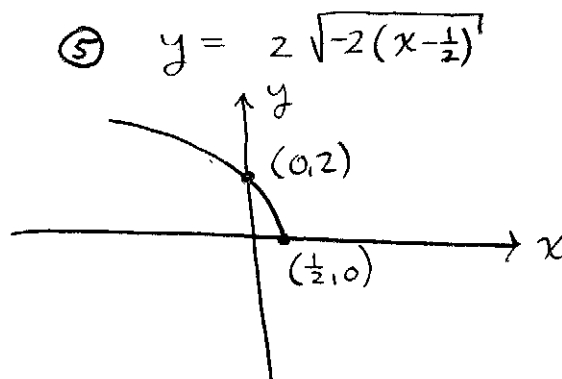
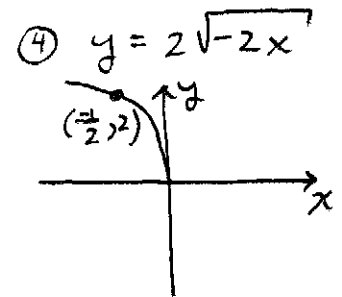
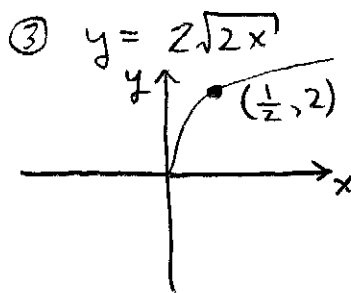
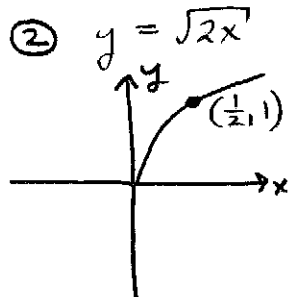
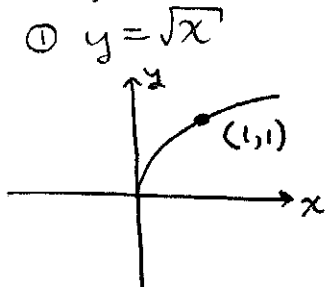
3. Graph:  $f(x) = 2\sqrt{1 - 2x}$ .

4. Graph:  $f(x) = \frac{(x + 1)^3}{3} - 3$ .

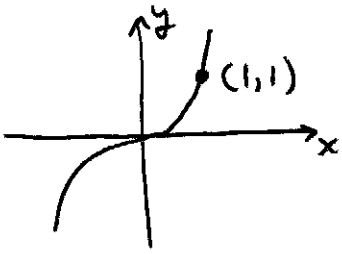
5. Graph:  $f(x) = \frac{2}{2x - 2} - 2$ .



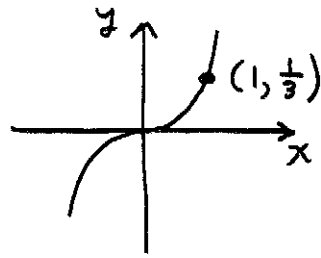
(3)  $f(x) = 2\sqrt{1 - 2x} = 2\sqrt{-2(x - \frac{1}{2})}$



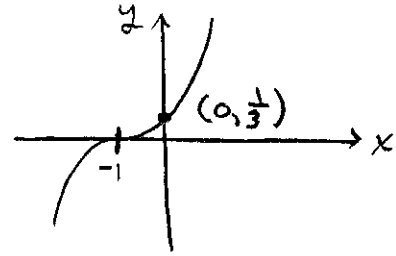
(4) ①  $y = x^3$



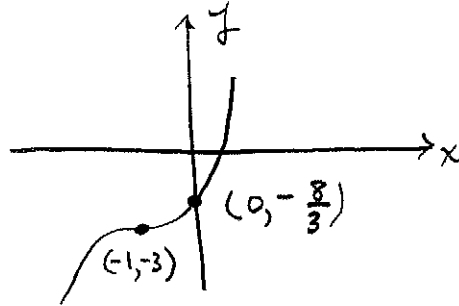
②  $y = \frac{1}{3}x^3$



③  $y = \frac{1}{3}(x+1)^3$

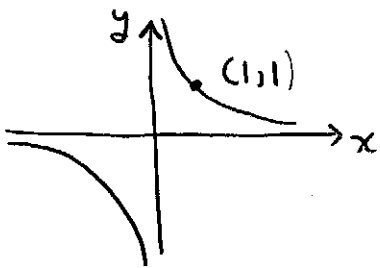


④  $y = \frac{1}{3}(x+1)^3 - 3$

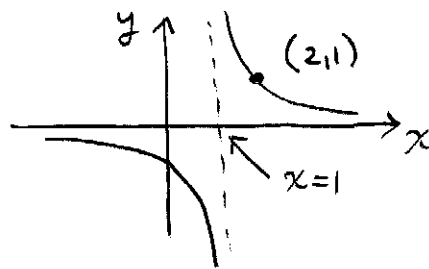


(5)  $f(x) = \frac{2}{2x-2} - 2 = \cancel{2} \left( \frac{1}{\cancel{2}(x-1)} \right) - 2 = \frac{1}{x-1} - 2$

①  $y = \frac{1}{x}$



②  $y = \frac{1}{x-1}$



③  $y = \frac{1}{x-1} - 2$

